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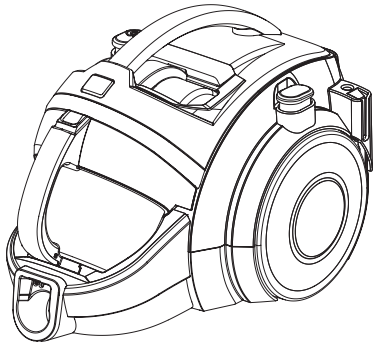
VACUUM CLEANER
SERVICE MANUAL

MODEL : VK7918NNA

CAUTION
BEFORE SERVICING THE UNIT, READ THE
"SAFETY PRECAUTIONS" IN THIS MANUAL.



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SAFETY PRECAUTIONS

BEFORE OPERATING THIS VACUUM CLEANER, READ THIS SERVICE MANUAL THOROUGHLY, AND OBSERVE EACH POINT CAREFULLY.

1. Air filter and motor safety filter

1) These filters are reusable.
2) Never use the vacuum cleaner without the filters. It may damage the motor.
3) When the suction power decreases, wash the air filter and the motor safety filter with water.
4) When the alarm sounds, wash the air filter and the motor safety filter at least once every 3 months.

NOTE : Reusing of the air filter and motor safety filter.

- Never wash the filters in a washing machine or in a dishwasher.
- Never use hot water for washing the filters.
- Reuse the filters after drying it completely in the shade for a day.
- Do not dry near fire or direct sunray.

2. Exhaust filter

1) This filter is reusable HEPA filter.
2) For clean air, this filter must be assembled.

NOTE : Reusing of the exhaust filter.

- Never wash the exhaust filter with water.
- Dust off the exhaust filter.
- Clean the exhaust filter at least once a year.
- Do not brush the filter. This will cause permanently
- damage allowing dust to by-pass the filter.

3. Avoid suction such materials as :

1) Liquid or wet dust :
   Clogs the ventilation holes, reduces the suction power significantly and harms the motor.
2) Inflammable liquids such as benzene, alcohol or solvents.
3) Burning objects such as cigarette butts.
4) Bulky objects such as vinyl, paper etc.
5) Sharp objects such as needles, pins, metal, glass particles etc.

4. Attachments

- Nozzle : Clean a hard floor and a carpet floor.
- Crevice Tool : Clean any crevice, inside corners or window frames. However, do not use the crevice tool more than 20 minutes because it may cause harm to the motor.
- Dusting brush : Clean picture frames, furniture frames, books and other irregular surfaces.
- Upholstery nozzle : Clean the furniture, mattresses etc.

5. Close supervision is necessary when this vacuum cleaner is used by near children. Children's carelessness may cause damage to the cleaner or injure persons.

6. Air exhausted from the vacuum cleaner is normally warm. But if extraordinarily hot air is exhausted, check if the telescopic pipe, hose or clean filter is clogged or not.

7. Electric shock could occur if used outdoors or on wet surfaces.

CAUTIONS

BEFORE ATTEMPTING TO SERVICE OR ADJUST ANY PART OF THE VACUUM CLEANER, DISCONNECT THE ELECTRICAL POWER SUPPLY CORD FROM THE WALL OUTLET.

1. Motor exchange

1) Separate the Body Cover and Body Base by unfastening the screws.
2) After disconnecting the lead wires, replace the old motor with a new one.

2. In case of exchanging other parts, refer to the exploded view.

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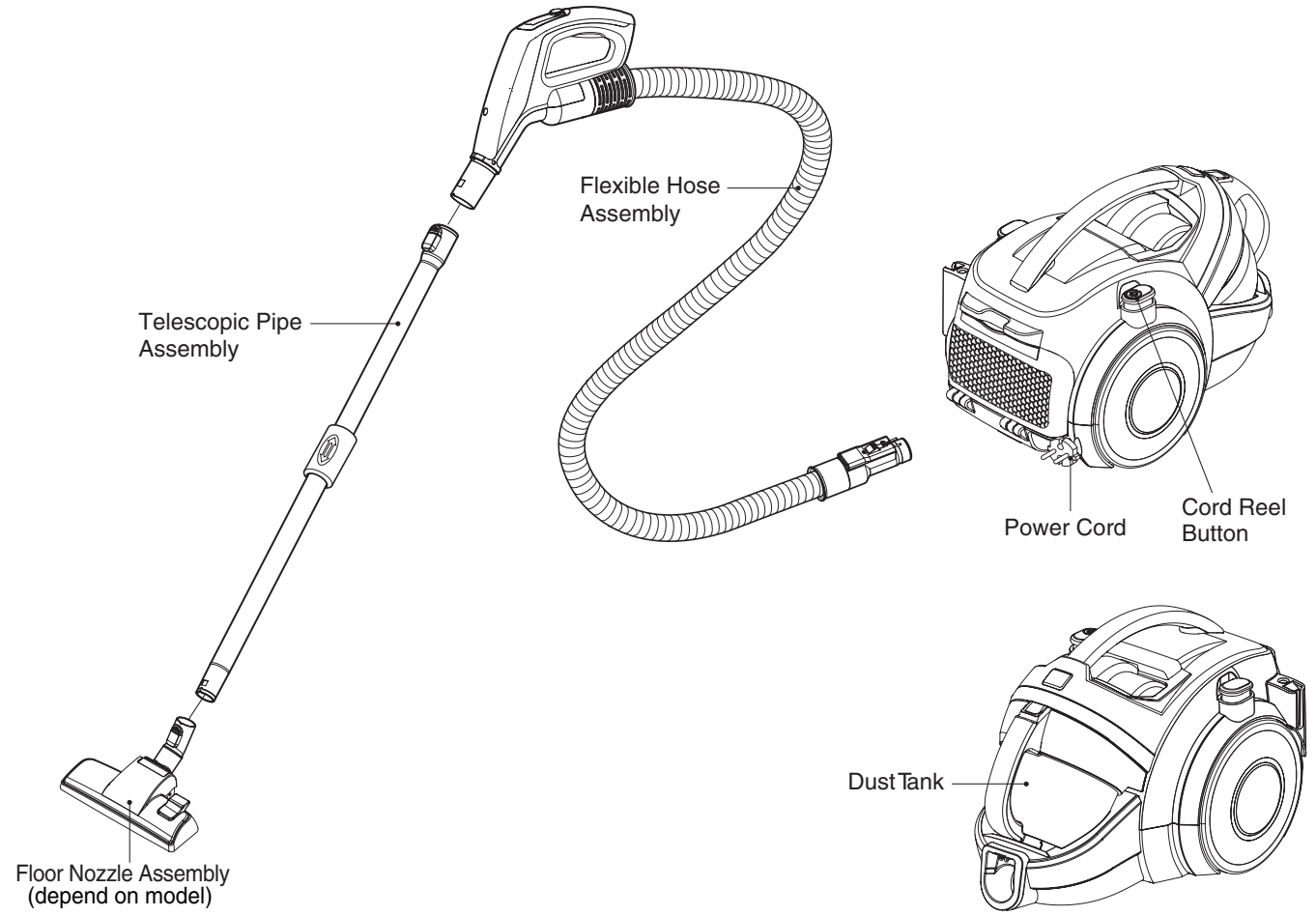
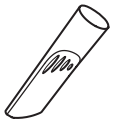
DESCRIPTION



ATTACHMENTS(DEPEND ON MODEL)

2 IN 1 NOZZLE


CREVICE TOOL

SPECIFICATIONS

- **MODEL :** REFER TO THE COVER PAGE
- **POWER SOURCE :** ON RATING PLATE
- **POWER CONSUMPTION :** ON RATING PLATE
- **POWER CONTROL :**
  - **MAIN :** SLIDE KNOB CONTROL(F/HOSE)
- **CORD LENGTH :** 9m
- **HOSE LENGTH :** 1.6 m
- **NET WEIGHT :** 5.8 kg
- **PACKING WEIGHT :** 10.0 kg
- **NET DIMENSION :** 445×285×305 (D×W×H)
- **PACKING DIMENSION :** 615×330×333 (D×W×H)
- **ATTACHMENTS(DEPEND ON MODEL)**
  - FLEXIBLE HOSE ASSEMBLY.....1EA
  - TELESCOPIC PIPE ASSEMBLY 1EA
  - FLOOR NOZZLE ASSEMBLY.....1EA
  - 2 IN 1 NOZZLE.....1EA
  - CREVICE TOOL.....1EA

• This specifications are subject to change according to the buyer's request.

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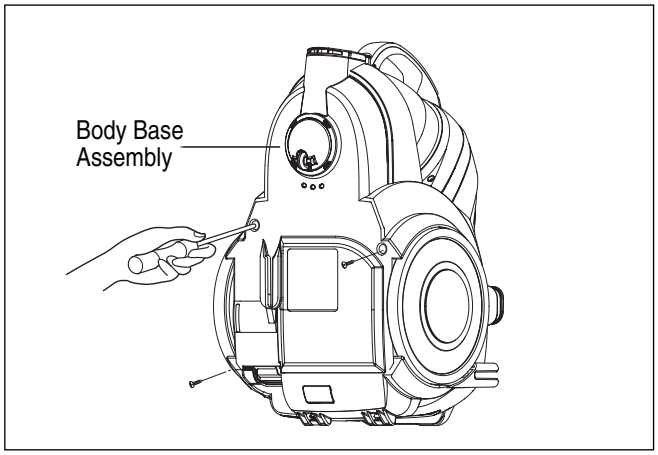
DISASSEMBLY

NOTE : Before attempting to service or adjust any part of the vacuum cleaner, disconnect the electrical power supply cord from the wall outlet.

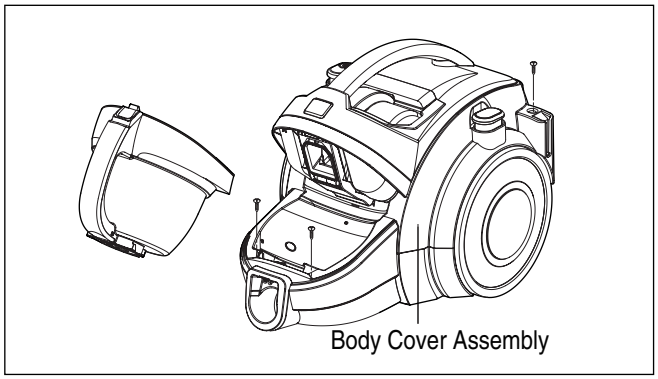
- Almost all of the parts of this vacuum cleaner can be disassembled with a screw driver and each connecting component easily fits each other. Disassemble one by one referring to the exploded view.
- If possible, don't disassemble except for the necessary parts. It is not necessary to disassemble the parts that are not detailed in the exploded view.

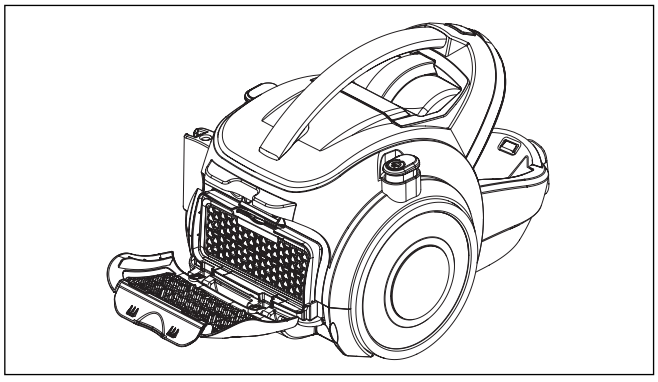
1. Disassembly of Body Cover Assembly

1) Remove the three screws fastening the body base.

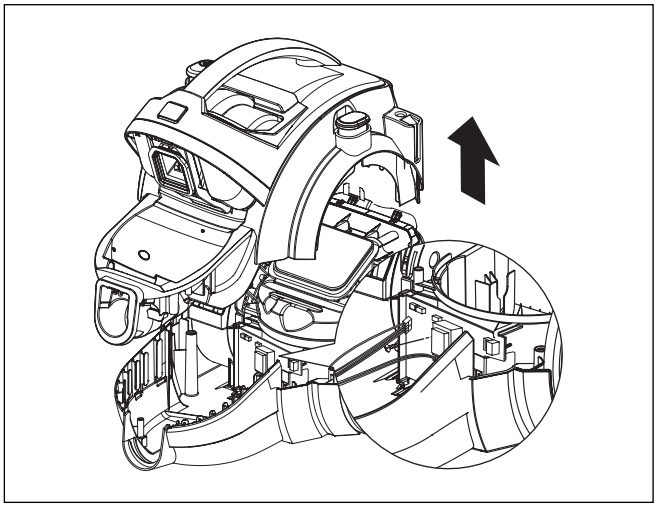


2) Remove the dust tank from the vacuum cleaner.
Remove the three screws fastening the body cover.



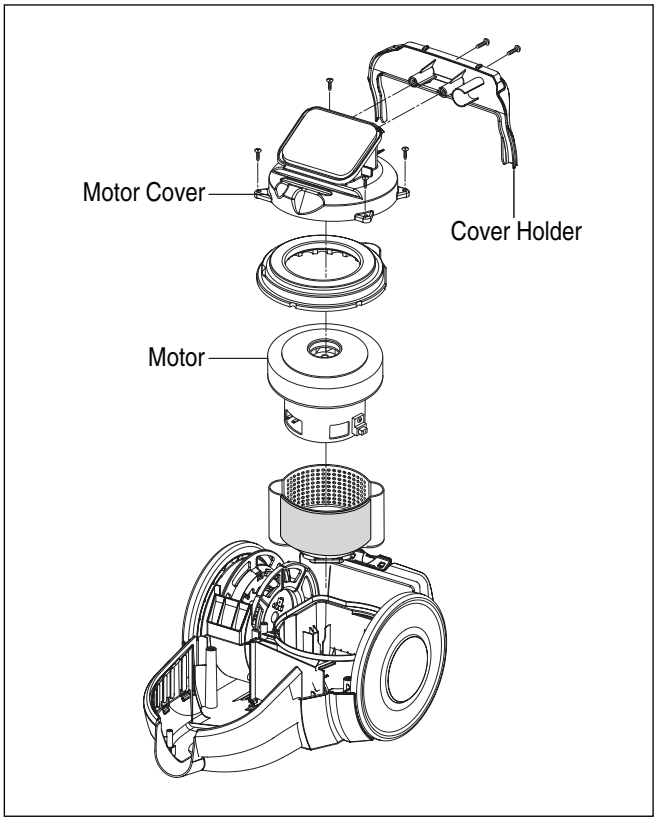


3) Disassemble the body cover assembly, lifting the body cover assembly.
Pull out the two lead wires.



Disassembly of Motor Assembly

1) Remove the two screws fastening the cover holder.
2) Remove the four screws fastening the motor cover.
3) Unlock the one hook.
4) Pull out the motor and disconnect the two lead wires from it.



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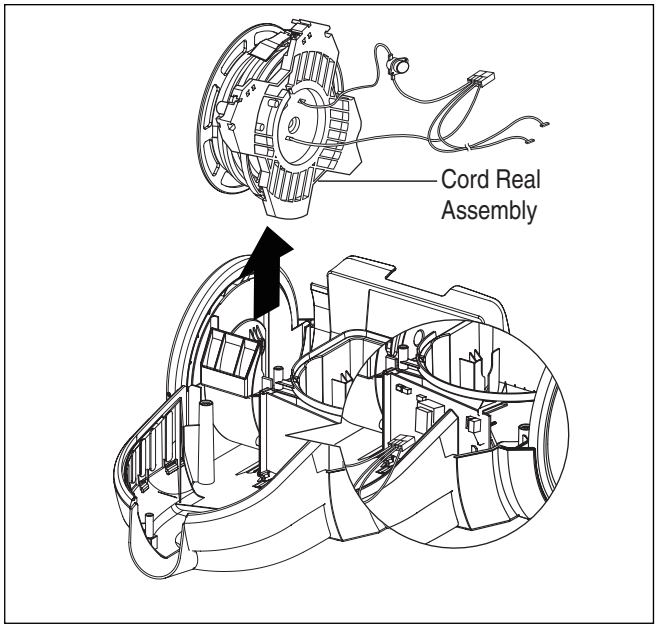
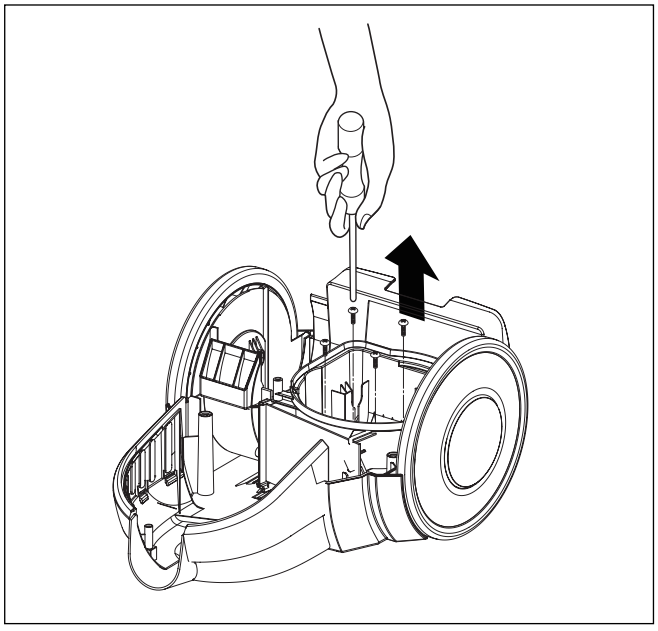
3. Disassembly of Cord Reel Assembly

1) Pull out the one lead wire.
2) Lift the cord reel assembly from body base.



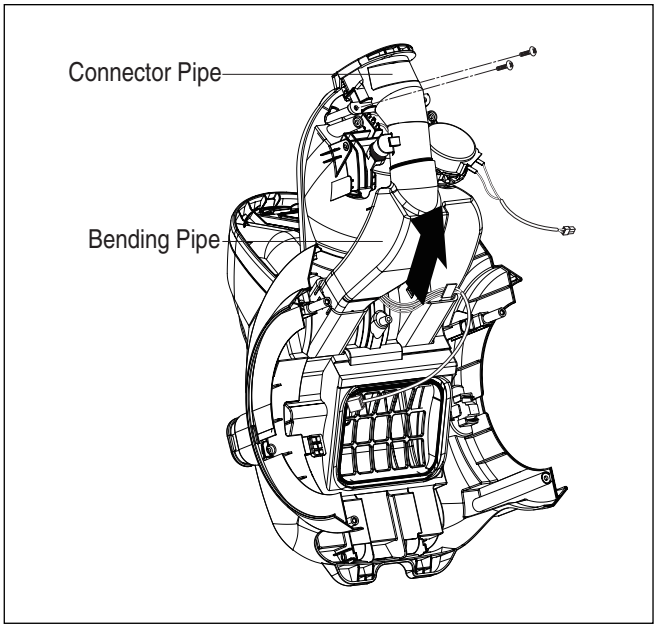
4. Disassembly of Motor Housing.

1) Remove the four screws fastening the body base.

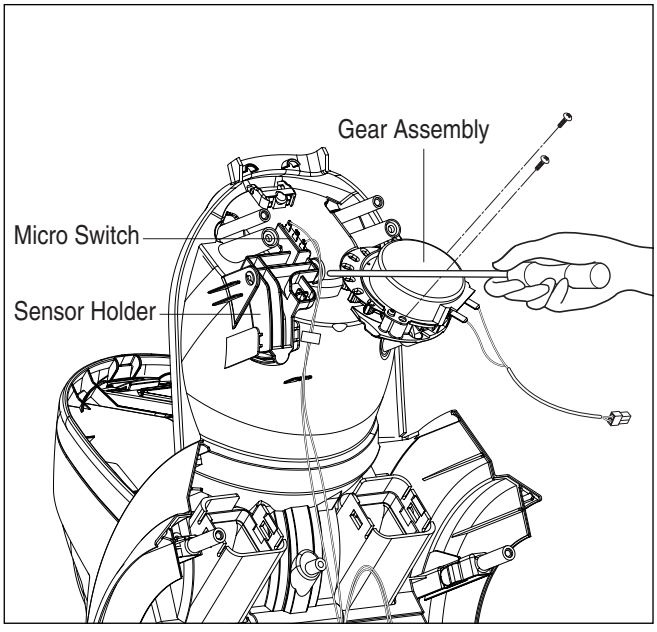


5. Disassembly of Micro Switch and Gear Assembly

1) Remove the two screws fastening the connetor pipe.
2) Pull out the bending pipe.



3) Separate the sensor holder from the body cover assembly.
4) Pull out the micro switch from the sensor holder.
5) Remove the two screws fastening the gear assembly.



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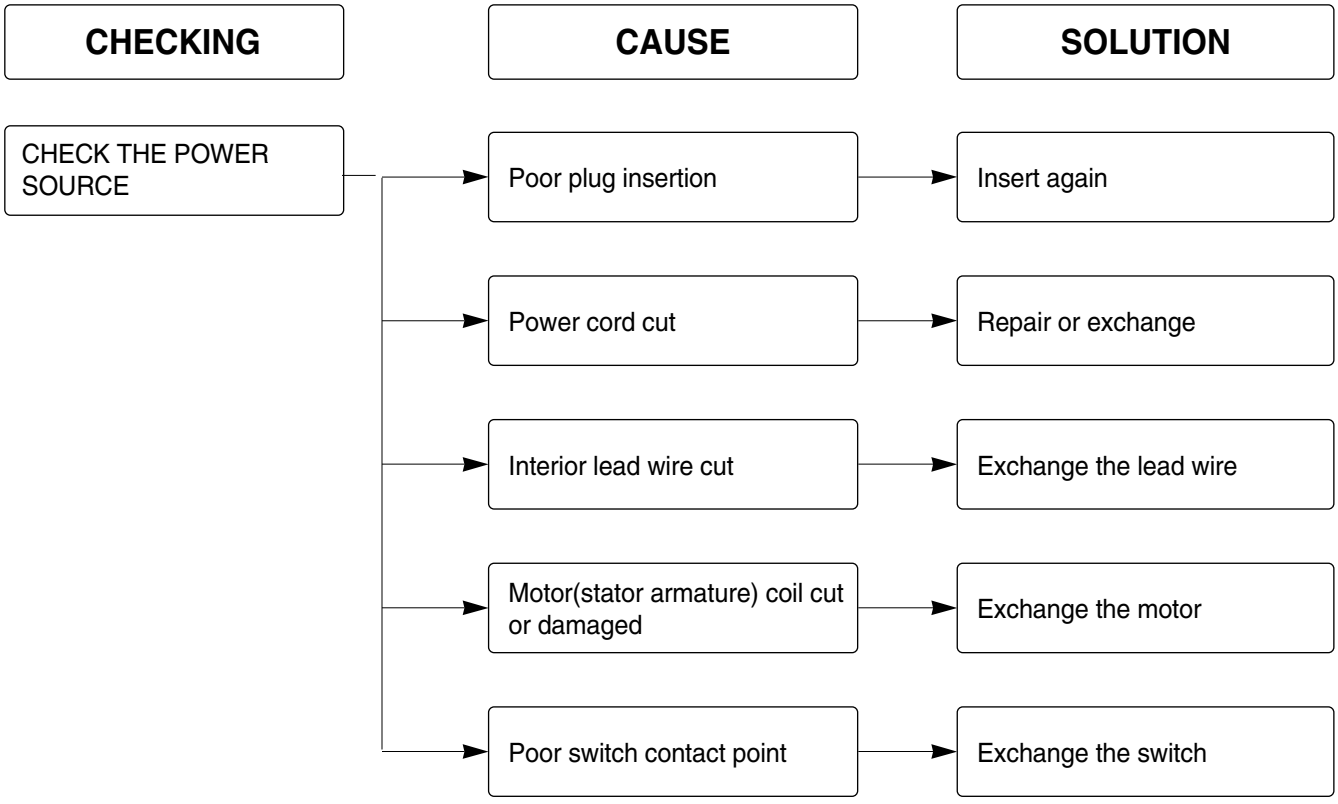
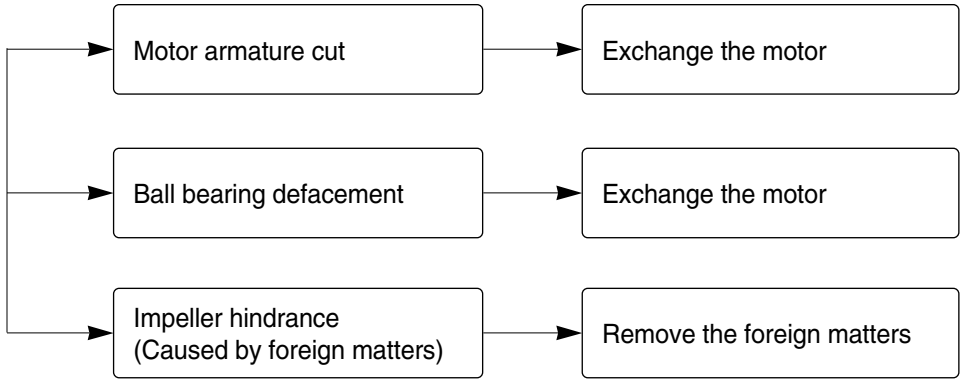
TROUBLE SHOOTING GUIDE

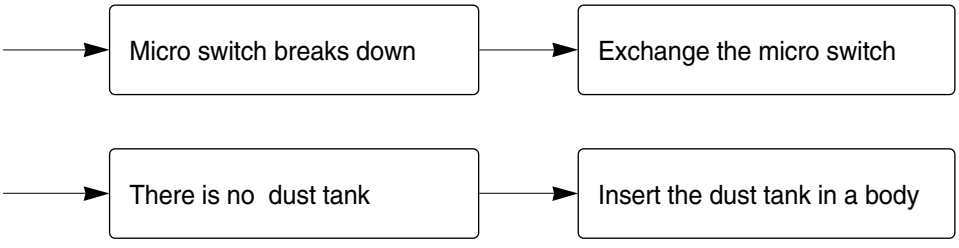
1. SWITCH ON BUT MOTORS DO NOT TURN.



2. SWITCH ON, MAIN MOTOR DOES NOT TURN BUT BUZZES.



3. SWITCH ON, MAIN MOTOR TURNS DOWN WITHIN A MOMENT AND BUZZES.



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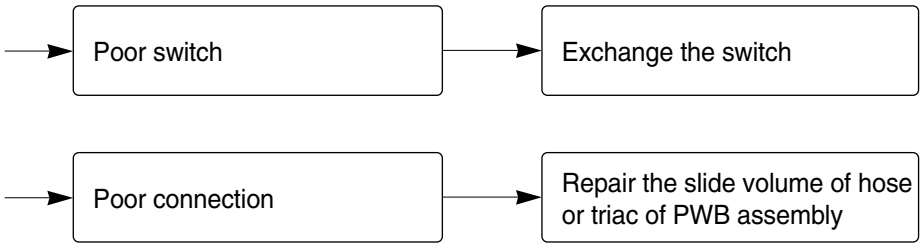
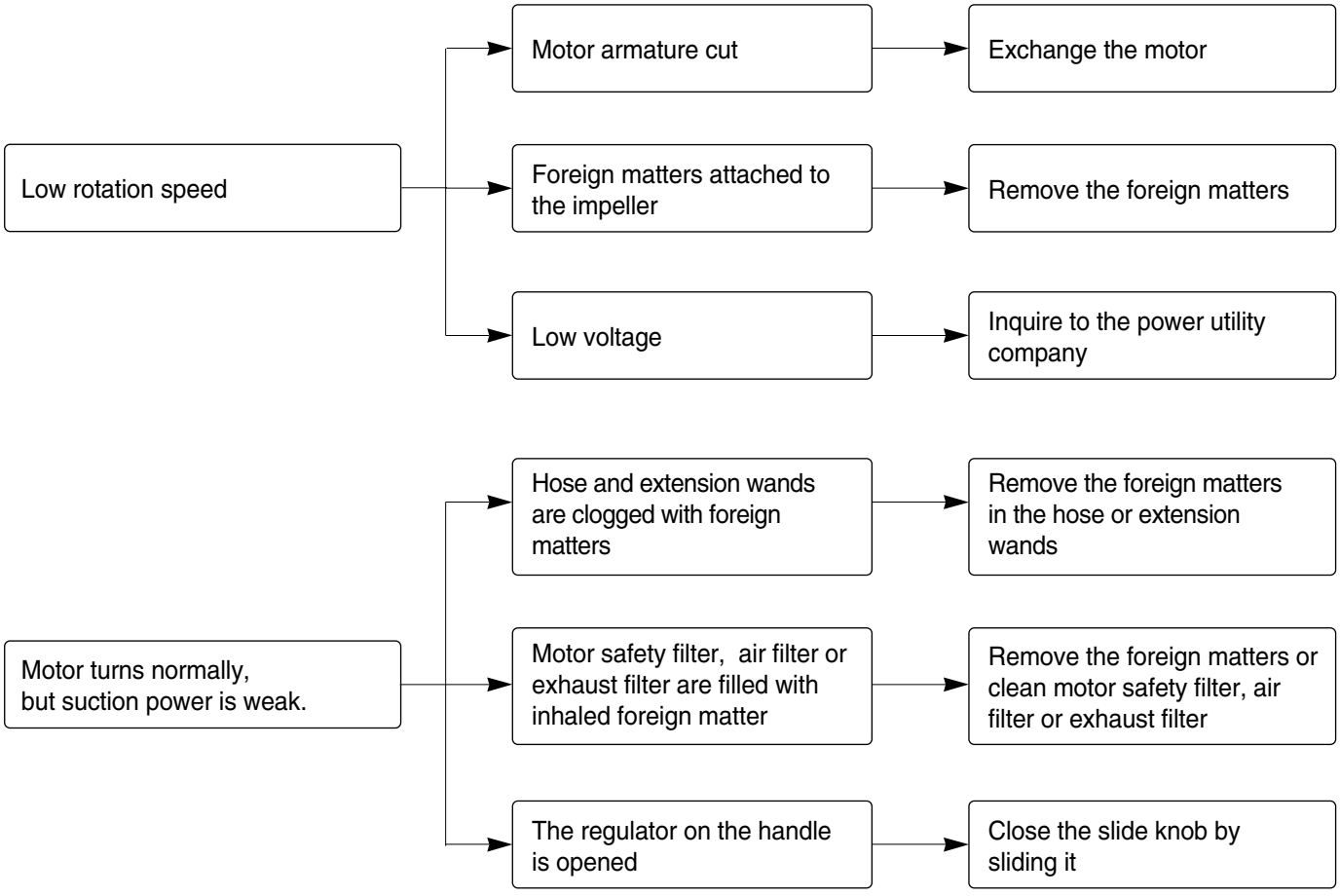
4. SWITCH OFF BUT MOTOR TURNS



5. WEAK SUCTION POWER


Low rotation speed
Motor armature cut
Exchange the motor
Foreign matters attached to the impeller
Remove the foreign matters
Low voltage
Inquire to the power utility company
Motor turns normally, but suction power is weak.
Hose and extension wands are clogged with foreign matters
Remove the foreign matters in the hose or extension wands
Motor safety filter, air filter or exhaust filter are filled with inhaled foreign matter
Remove the foreign matters or clean motor safety filter, air filter or exhaust filter
The regulator on the handle is opened
Close the slide knob by sliding it

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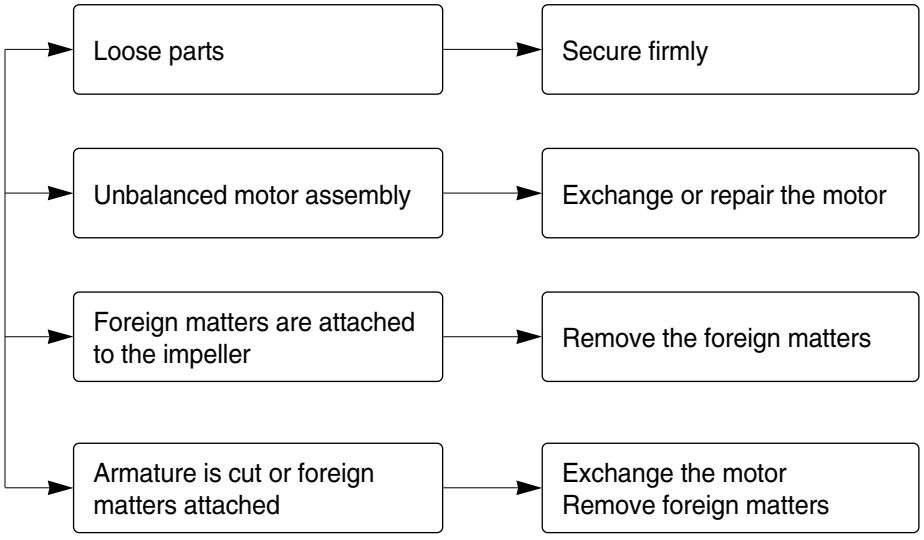
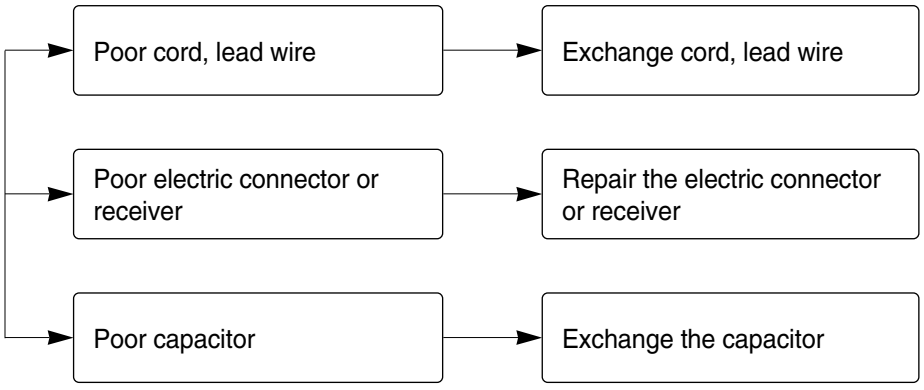
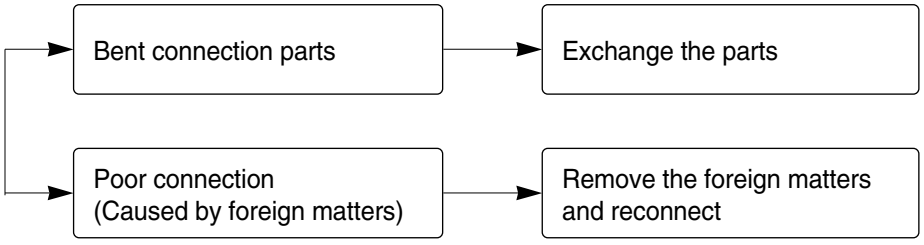
6. VIBRATION NOISES


Loose parts
Secure firmly
Unbalanced motor assembly
Exchange or repair the motor
Foreign matters are attached to the impeller
Remove the foreign matters
Armature is cut or foreign matters attached
Exchange the motor
Remove foreign matters

7. RADIO, TV RECEPTION DISTURBANCE


Poor cord, lead wire
Exchange cord, lead wire
Poor electric connector or receiver
Repair the electric connector or receiver
Poor capacitor
Exchange the capacitor

8. IMPROPER TUBE OF NOZZLE CONNECTION



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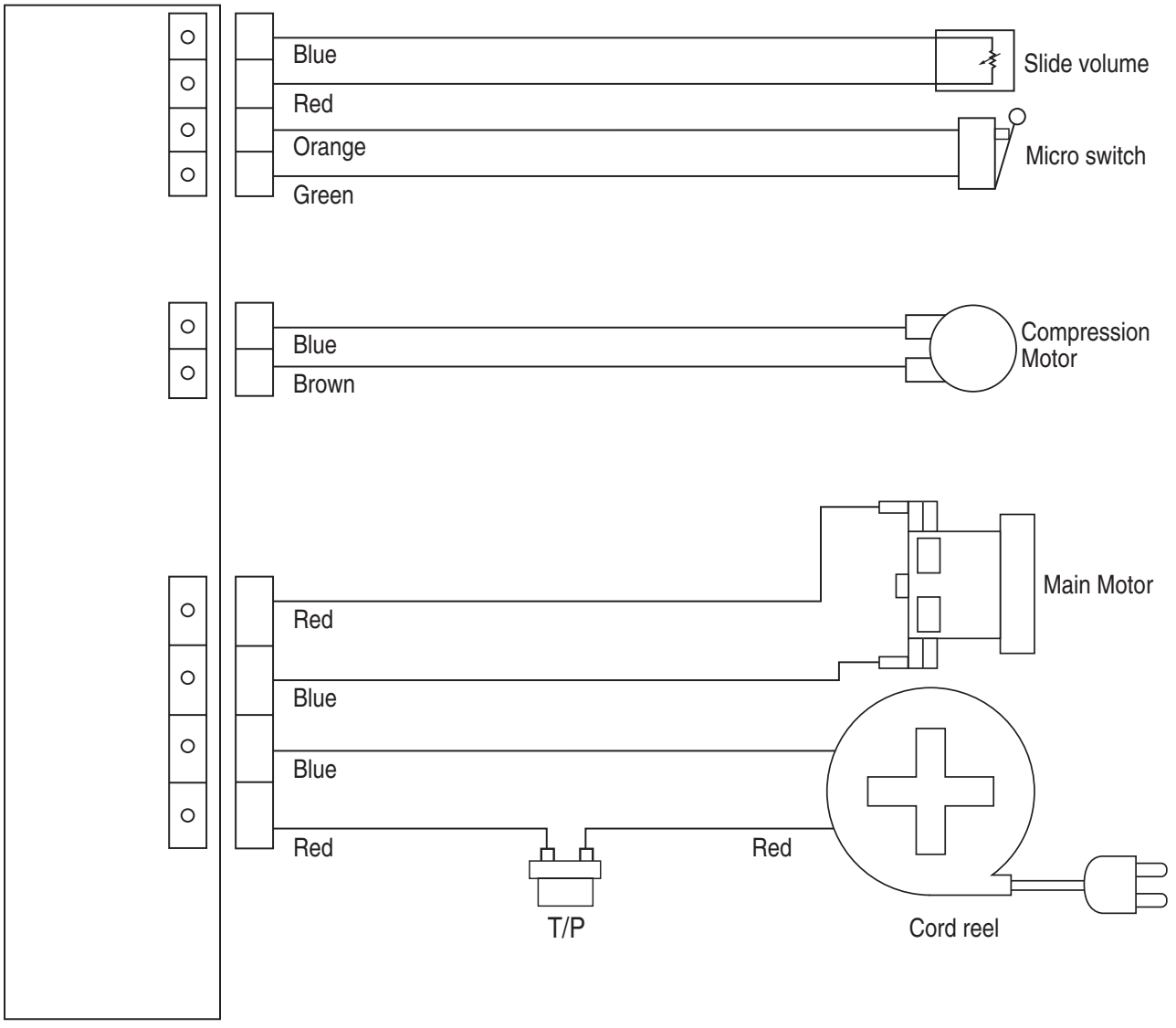
SCHEMATIC DIAGRAM



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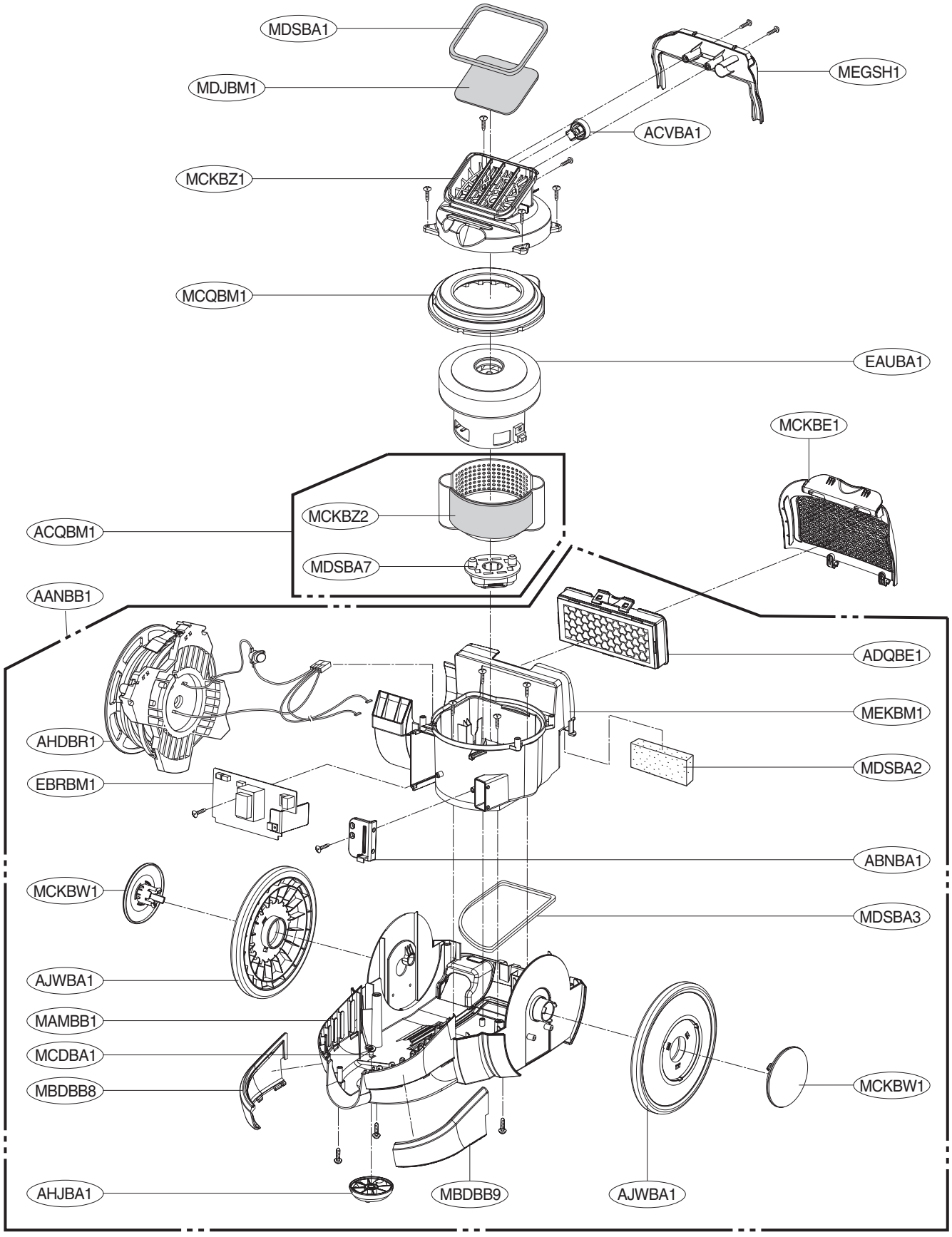
EXPLODED VIEW

BODY BASE ASSEMBLY

VK7918NNA (VK7918NNA.APTQLGU)



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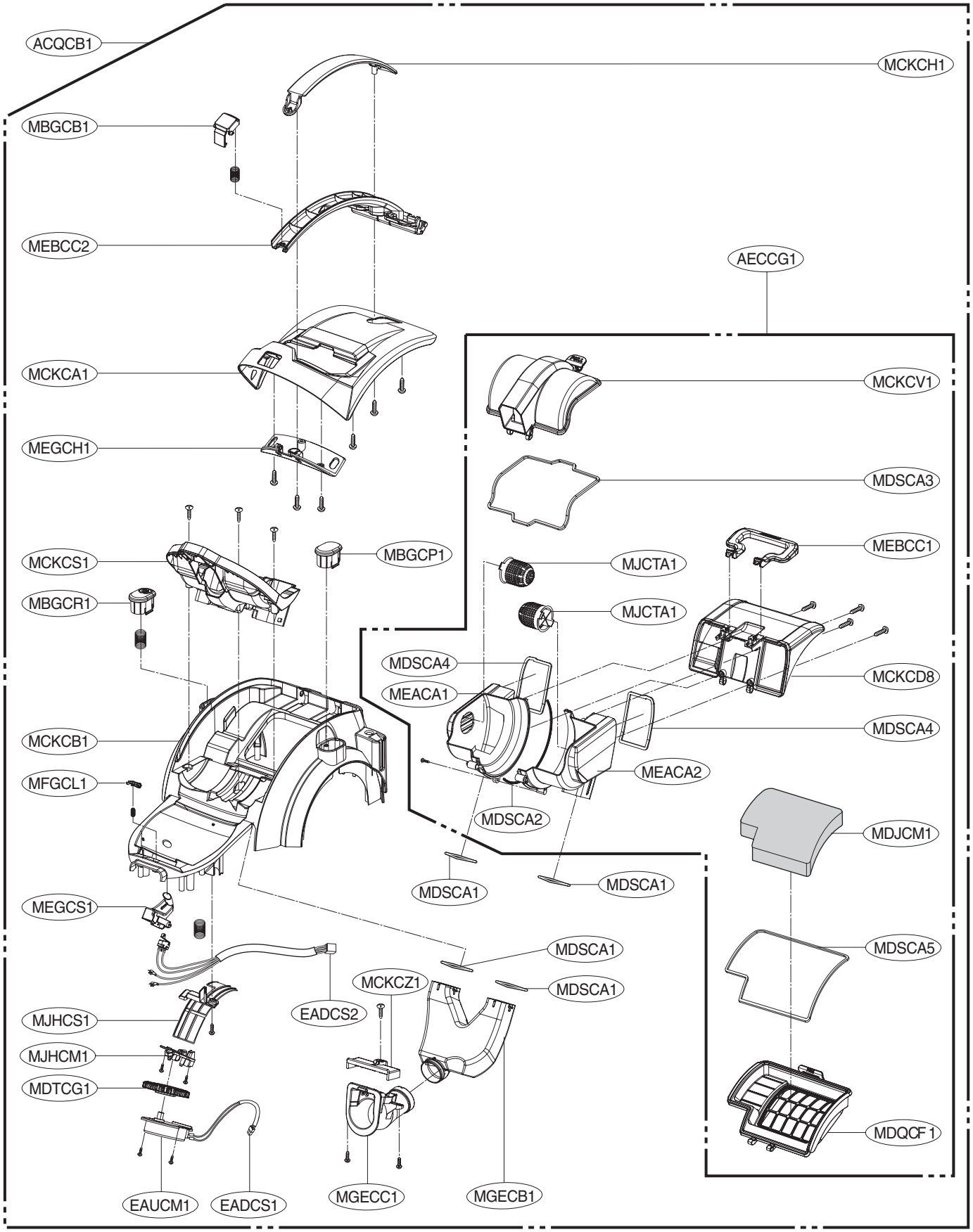
BODY COVER ASSEMBLY



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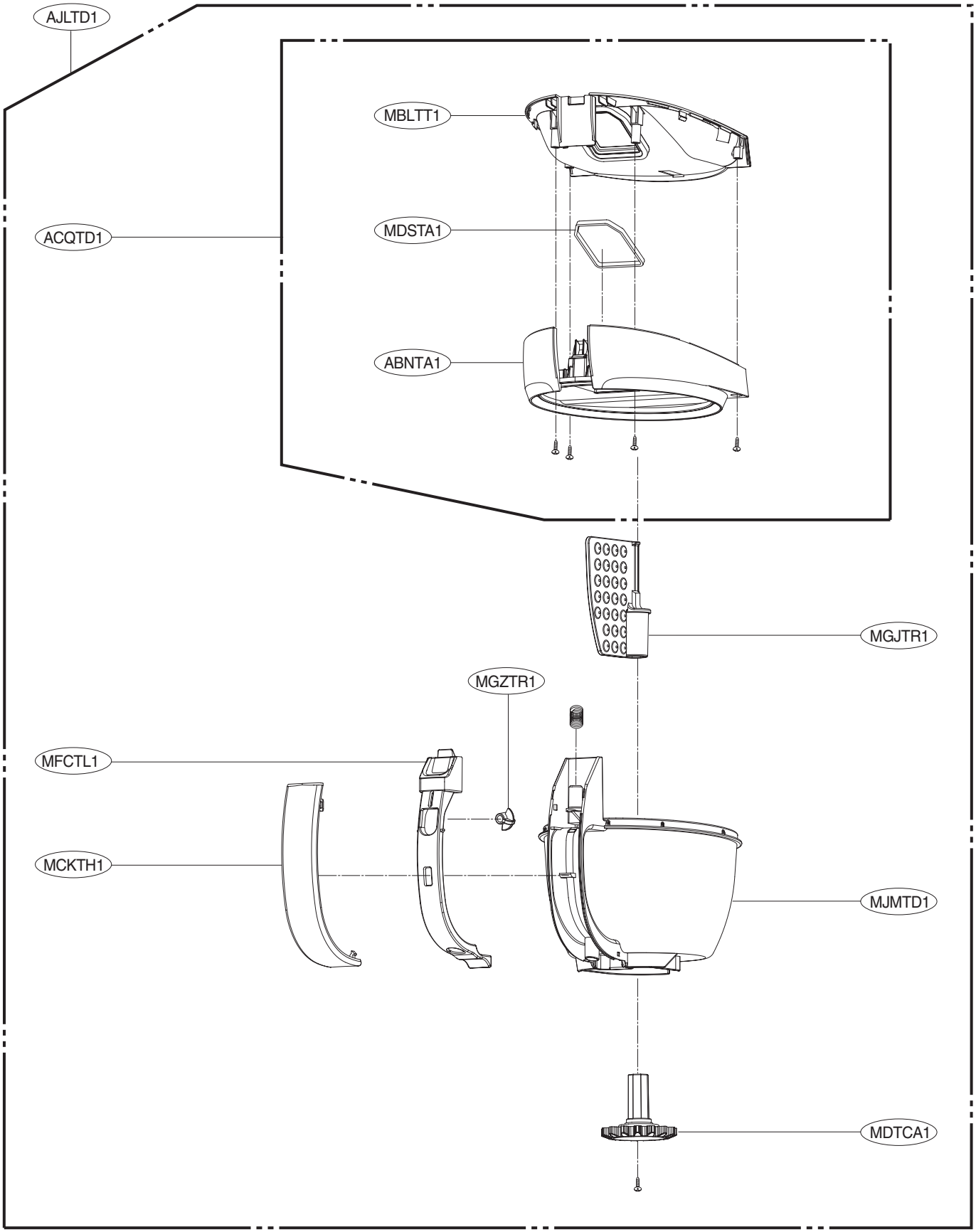
DUST TANK ASSEMBLY



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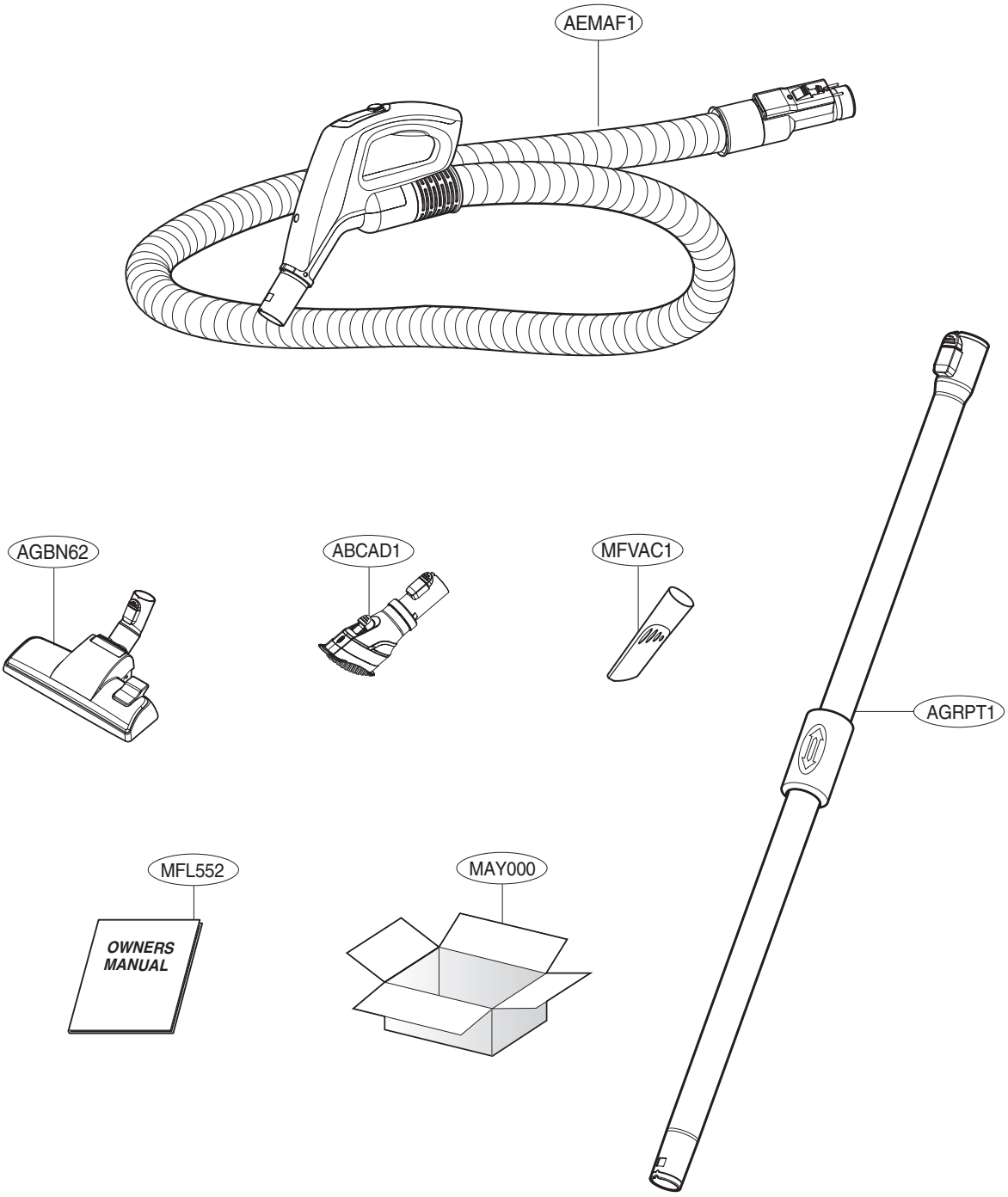
ACCESSORIES



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